DSC-U40

Cyber-shot® U
Digital Still Camera

FEATURES

1/2.7" 2.0 Megapixel Effective Super HAD™ CCD

Super HAD (Hole Accumulation Diode) CCDs provide excellent image quality by allowing more light to pass to each pixel, increasing sensitivity and reducing noise.

Fast Start-Up (0.9 sec.) with Convenient Sliding Lens Cover

Lets you capture your precious memories at the speed of life, rather than miss "The" shot, waiting for your camera to start up.

Pre-Flash Metering

With a momentary pre-flash, the camera illuminates the subject and sets exposure through the lens for accurate flash metering. Adjustable flash level and red-eye reduction insure great flash shots.

Memory Stick Duo™ and Memory Stick PRO Duo™ Media Compatibility

Digital, Powerful, Transportable.™
At 1/3 the size of standard Memory Stick® Media, Memory Stick Duo and Memory Stick PRO Duo Media offer the same benefits and capabilities, but in a smaller size, perfect for the ultra-compact camera.

Red-Eye Reduction

The Red-Eye Reduction system uses a series of pre-flashes that causes the subject's pupils to contract, reducing the possibility of reflection from the back of the eye that causes the red-eye problem.

Scene Selection Mode

With 5 Scene Modes (Soft Snap, Illumination Snap, Twilight, Active Outdoor and Vivid Nature), the camera parameters are changed to match the shooting conditions.

12-Bit DXP A/D Conversion

Sony's 12-bit **D**igital **EX**tended **P**rocessor captures the range between highlight and shadow with up to 4,096 values, for extended dynamic contrast and detail.

1.0" Hybrid LCD Monitor

Monitors the scene for accurate framing. The Hybrid system consists of a transmissive LCD combined with a reflective LCD. By turning off the LCD backlight, it will capture more ambient light virtually eliminating "wash-out." Images will be visible in the LCD even in the most challenging outdoor lighting conditions.

Auto Bright Monitoring

To help framing in low or no-light situations, the CCD gain is briefly increased to provide an extra bright display on the LCD viewfinder just before exposure.

Selectable Picture Size

Select 1632 x 1224 (UXGA) picture resolution great for photo quality 5" x 7" prints, or 640 x 480 (VGA) picture resolution for on-screen viewing and email applications.

Burst Mode

Capture ten (10) 640 x 480 frames or two (2) 1632 x 1224 frames, which allows for the ability to capture fast moving objects in separate files for viewing at a later date.

MPEG Movie EX Mode (No Audio)

Unlike earlier MPEG1 Movies, MPEG Movie EX will allow you to record 320 x 240 resolution MPEG movies uninterrupted up to the capacity of the Memory Stick Duo™ Media.

Playback Zoom

During playback, zoom either 2.5X or 5.0X on the image; then save the new image as a new file.

USB Interface

Allows digital still images and MPEG1 movies, stored on Memory Stick® Media, to be easily transferred to Microsoft® Windows® operating system compatible or Macintosh® computers equipped with USB terminals. Simply plug in the supplied USB cable from your camera to the computer's USB port for fast access to your pictures.

USB Bus Powered for File Transfer

Using the supplied USB cable, power is supplied to the camera allowing for easy transfer of still images and MPEG1 movies directly from the camera to the PC. No need for an additional power source.

➤PictBridge™ Compatibility

Connect the DSC-U40 directly to a compatible printer via the supplied USB cable to allow for easier printing capability without the need for a computer.

Picture Effects

Select from 4 Picture Effects (Negative Art, Sepia, Black & White, Solarize) to add creativity to ordinary pictures.

Picture Indexing

Finding a special picture stored on the Memory Stick® media is easy with the Picture Index mode. View four (4) images at a time for convenient and quick access to your images.

Rechargeable NiMH Batteries

Reliable power is provided by Sony's Nickel Metal Hydride (NiMH) AAA Stamina® batteries with external charger.

Active Lifestyle Lanyard

Over-sized, active-wear, adjustable lanyard included to allow the DSC-U40 to be portable, wearable, fashionable and accessible for you wherever you are and whenever you want to capture the moment.

➤ STEP-UP FEATURE

DSC-U40

SPECIFICATIONS

Imaging Device: 1/2.7" 2.0 Megapixel Super HAD™ CCD
Recording Media: Memory Stick Duo™ Media, Memory Stick PRO Duo™ Media
Zoom: N/A
Filter Diameter: N/A
Focal Length: 5.0mm
35mm Equivalent: 33mm
Aperture: f2.8
Focus: 4-Step Manual Preset with Auto
Minimum Focus Distance: 3.9" (0.1m)
Macro Focus Distance: Auto/Selectable
Shutter Speed: Auto (1/8 – 1/2000 sec)
Manual Exposure: N/A
Color LCD: 1.0" 64K Pixels Hybrid LCD
Flash Modes: Auto/Forced On/Forced Off/ Red-Eye Reduction
Red-Eye Reduction: On/Off
Flash Effective Range: 1.6 – 6.0 feet (0.5 – 1.8m)
White Balance: Auto/Daylight/Cloudy/Fluorescent/Incandescent
Picture Effects: Solarize, Black & White, Sepia, and Negative Art
ISO: Auto
Scene Modes: Soft Snap, Illumination Snap, Twilight, Active Outdoor, Vivid Nature
Self-Timer: Yes, 10 seconds
Video Output: N/A
Still Image Modes: JPEG (Normal)
MPEG Movie Mode: MPEG Movie EX (320 x 240) without Audio, Video Mail (160 x 112) without Audio
Clip Motion: N/A
Microphone/Speaker: N/A
USB Terminal: Yes
Memory Stick PRO Duo™ Media Compatibility[1]: Tested to support up to 512MB media capacity; does not support high speed transfer function; does not support Access Control security function
Supplied Software: Pixela ImageMixer™ Software for Sony v1.5, USB Driver
OS Compatibility: Microsoft® Windows® 98, 98SE, 2000, Me, XP Home and Pro. Macintosh® 8.5.1/8.6/ 9.0/9.1/ 9.2/ X (10.0, 10.1, 10.2)
Supplied Accessories: "AAA" Rechargeable NiMH Batteries (2), BC-CS2 Battery Charger, USB Cable, MSG-M8A 8MB Memory Stick Duo™ Media, Neck Strap, Software CD-ROM
Dimensions: 4" x 1 5/8" x 1" (99.9 x 40.5 x 24.9mm)
Weight: 4.7oz (132g)

JPEG Still Image Mode

Standard Picture Quality

Memory Stick Duo™ Media[1]	1632x1224 (2MP)	640x480 (VGA)
8MB	14	80
16MB	29	161
32MB	60	326
64MB	122	656
128MB	245	1316
Memory Stick PRO Duo™ Media		
256MB	445	2380
512MB	906	4840

MPEG MOVIE EX MODE

Maximum Storage Time (no audio)

	MPEG EX (320 x 240)	Video Mail (160 x 112)
8MB	1m 26s	5m 35s
16MB	2m 54s	11m 3s
32MB	5m 52s	22m 43s
64MB	11m 48s	45m 40s
128MB	23m 39s	1h 31 m 34s
256MB	42m 47s	2h 45m 35s
512MB	1h 27m 1s	5h 36m 43s

h = hours m = minutes s = seconds

OPTIONAL ACCESSORIES

LCS-UC/R /LCS-UD /LCS-UE /LCS-UJ/B /LCS-UJ/W Soft Carrying Case
LCS-UN Leather Case
MSH-M64A, MSH-M128A Memory Stick Duo™ Media
MSX-M256A, MSX-M512A, Memory Stick PRO Duo™ Media
ACC-UNQ Accessory Kit
NH-AAADA AAA Rechargeable NiMH Batteries
MSAC-US30 Memory Stick Media USB Reader/Writer
MSAC-US70 Memory Stick USB Mouse/Adapter

OPTIONAL CARRYING CASES

SONY

Sony Electronics Inc.
16765 West Bernardo Drive
San Diego, Ca 92127
www.sony.com/di

©2003 Sony Electronics Inc.
Reproduction in whole or in part without written permission is prohibited. All rights reserved.
Sony, Cyber-shot, Digital. Powerful. Transportable, Memory Stick Duo, Memory Stick PRO Duo, the Memory Stick logo, Stamina and Super HAD are trademarks of Sony. Microsoft and Windows are trademarks of Microsoft Corporation. Macintosh is a trademark of Apple Computer, Inc. PictBridge is a trademark of CIPA. All other trademarks are property of their respective owners. Features and specifications subject to change without notice. Non-metric weights and measures are approximate.

1 Available storage capacity of Memory Stick Duo and Memory Stick PRO Duo media may vary. A portion of the memory is used for data management functions. Actual available memory in MBs is: 8=7.5, 16=15, 32=30, 64=61, 128=123, 256=220, 512=460